

ABSTRACT

A method and apparatus for producing a honeycomb structure in a continuous
5 production process includes five process stations. At Station 1 sheets of deformable material
are interleaved with a release ply to form a five layer sandwich. At Station 2 the five layer
sandwich is corrugated. At Station 3 the two deformable sheets are separated and an adhesive
is applied to one. At Station 4 the two deformable sheets are connected to form a single layer
honeycomb structure. And at Station 5 a plurality of single layer honeycomb structures are cut
10 and stacked to form a honeycomb structure of a desired thickness.